

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A process of preparing a continuous filament composed of a

nano fibers, which comprises

~~wherein nano fibers are prepared by~~

spinning a polymer spinning dope ~~in a spinning dope main tank (20) through nozzles onto the a collector~~ surface of water or an organic solvent (4a) ~~of a collector (4), which contains water or inorganic solvent (4a) and which~~ has a conductive material (5) ~~with a high voltage applied sunken in the water or organic solvent (4a), through nozzles (2) with a high voltage applied, and disposed below~~ the collector surface of said water or organic solvent,

applying a high voltage to said nozzles and said conductive material, and

the nano fibers spun onto the surface of said water or organic solvent (4a) are pressed, drawn, dried and wound while being pulled by a rotary roller (6) ~~rotating at a constant linear velocity from the at a~~ location spaced more than 1 cm from one end of a dropping spot where the spun polymer contacts the collector surface.

2. (Currently Amended) The process of claim 1, wherein the conductive material (5) is a metal plate or a metal powder.

3. (Currently Amended) The process of claim 1, wherein the distance ~~(h)~~ from the surface of the water or organic solvent (4a) ~~contained in the collector (4)~~ to the top surface of the conductive material ~~(5)~~ is 0.01 to 200 mm.
4. (Currently Amended) The process of claim 1, wherein the distance ~~(h)~~ from the surface of the water or organic solvent (4a) ~~contained in the collector (4)~~ to the top surface of the conductive material ~~(5)~~ is 5 to 50 mm.
5. (Currently Amended) The process of claim 1, wherein the angel (θ) between the nano fibers collected on the surface of the water or organic solvent (4a) ~~in the collector (4)~~ and the undrawn filament (aggregate of nano fibers) pulled by ~~the~~ a rotary roller ~~(6)~~ is 0 to 180°.
6. (Currently Amended) The process of claim 1, wherein the angle (θ) between the nano fibers collected on the surface of the water or organic solvent (4a) ~~in the collector (4)~~ and the undrawn filament (aggregated of nano fibers) pulled by ~~the~~ a rotary ~~(6)~~ is 10 to 90°.
7. (Original) The process of claim 1, wherein the drawn filament (yarn) is twisted before being wound.
8. (Original) The process of claim 1, wherein the diameter of the nano fibers is less than 1,000 nm.
9. (Currently Amended) The process of claim 1, wherein the polymer spinning dope is ~~composed~~ selected from the group

consisting of polyester resins, nylon resins, polysulfon resins, poly lactic acid and a copolymer thereof or a mixture thereof.

10. (Currently Amended) The process of claim 1, wherein more than two kinds of the polymer spinning dope are spun onto the surface of the water or organic solvent to form two kinds of nano fibers (4a) ~~of the collector (4), which contains water or organic solvent (4a) and has the conductive material (5) with a high voltage applied sunken in the water or organic solvent (4a), through each of the nozzles (2).~~, said two kinds of nano fibers being combined together.